

2590

1019

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OPIE

P.S.

RAW SEQUENCE LISTING

DATE: 10/17/2001

PATENT APPLICATION: US/09/970,515

TIME: 10:42:43

Input Set : A:\20359-501 DIV Seq List.txt

Output Set: N:\CRF3\10172001\I970515.raw

ENTERED

1 <110> APPLICANT: Bonny, Christophe
 3 <120> TITLE OF INVENTION: CELL-PERMEABLE PEPTIDE INHIBITORS OF THE JNK SIGNAL
 4 TRANSDUCTION PATHWAY
 6 <130> FILE REFERENCE: 20349-501 DIV
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/970,515
 9 <141> CURRENT FILING DATE: 2001-10-03
 11 <150> PRIOR APPLICATION NUMBER: 09/503,954
 12 <151> PRIOR FILING DATE: 2000-02-14
 14 <150> PRIOR APPLICATION NUMBER: USSN 60/158,774
 15 <151> PRIOR FILING DATE: 1999-10-12
 17 <160> NUMBER OF SEQ ID NOS: 20
 19 <170> SOFTWARE: PatentIn Ver. 2.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 23
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: chemically synthesized
 29 <400> SEQUENCE: 1
 30 Asp Thr Tyr Arg Pro Lys Arg Pro Thr Thr Leu Asn Leu Phe Pro Gln
 31 1 5 10 15
 33 Val Pro Arg Ser Gln Asp Thr
 34 20
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 21
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: chemically synthesized
 45 <400> SEQUENCE: 2
 46 Glu Glu Pro His Lys His Arg Pro Thr Thr Leu Arg Leu Thr Thr Leu
 47 1 5 10 15
 49 Gly Ala Gln Asp Ser
 50 20
 53 <210> SEQ ID NO: 3
 55 <400> SEQUENCE: 3
 W--> 56 000
 58 <210> SEQ ID NO: 4
 60 <400> SEQUENCE: 4
 W--> 61 000
 63 <210> SEQ ID NO: 5
 64 <211> LENGTH: 19
 65 <212> TYPE: PRT
 66 <213> ORGANISM: Artificial Sequence
 68 <220> FEATURE:
 69 <221> NAME/KEY: SITE
 70 <222> LOCATION: (1)

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71 <223> OTHER INFORMATION: may be any amino acid and may or may not be
72     present as defined in the specification
74 <220> FEATURE:
75 <221> NAME/KEY: SITE
76 <222> LOCATION: (7)
77 <223> OTHER INFORMATION: may be any amino acid
79 <220> FEATURE:
80 <221> NAME/KEY: SITE
81 <222> LOCATION: (9)
82 <223> OTHER INFORMATION: may be any amino acid
84 <220> FEATURE:
85 <221> NAME/KEY: SITE
86 <222> LOCATION: (10)
87 <223> OTHER INFORMATION: may be any amino acid
89 <220> FEATURE:
90 <221> NAME/KEY: SITE
91 <222> LOCATION: (11)
92 <223> OTHER INFORMATION: may be any amino acid
94 <220> FEATURE:
95 <221> NAME/KEY: SITE
96 <222> LOCATION: (12)
97 <223> OTHER INFORMATION: may be any amino acid
99 <220> FEATURE:
100 <221> NAME/KEY: SITE
101 <222> LOCATION: (13)
102 <223> OTHER INFORMATION: may be any amino acid
104 <220> FEATURE:
105 <221> NAME/KEY: SITE
106 <222> LOCATION: (14)
107 <223> OTHER INFORMATION: may be any amino acid
109 <220> FEATURE:
110 <221> NAME/KEY: SITE
111 <222> LOCATION: (15)
112 <223> OTHER INFORMATION: may be any amino acid
114 <220> FEATURE:
115 <221> NAME/KEY: SITE
116 <222> LOCATION: (18)
117 <223> OTHER INFORMATION: may be S or T
119 <220> FEATURE:
120 <221> NAME/KEY: SITE
121 <222> LOCATION: (19)
122 <223> OTHER INFORMATION: may be any amino acid and may or may not be
123     present as defined in the specification
125 <220> FEATURE:
126 <223> OTHER INFORMATION: chemically synthesized
128 <400> SEQUENCE: 5
W--> 129 Xaa Arg Pro Thr Leu Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Gln
      130 1          5          10          15
W--> 132 Asp Xaa Xaa

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136 <210> SEQ ID NO: 6
138 <400> SEQUENCE: 6
W--> 139 000
141 <210> SEQ ID NO: 7
142 <211> LENGTH: 10
143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: chemically synthesized
149 <400> SEQUENCE: 7
150 Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
151   1           5           10
154 <210> SEQ ID NO: 8
156 <400> SEQUENCE: 8
W--> 157 000
159 <210> SEQ ID NO: 9
160 <211> LENGTH: 17
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <221> NAME/KEY: SITE
166 <222> LOCATION: (1)
167 <223> OTHER INFORMATION: may be any amino acid and may or may not be
168   present as defined in the specification
170 <220> FEATURE:
171 <221> NAME/KEY: SITE
172 <222> LOCATION: (2)
173 <223> OTHER INFORMATION: may be any amino acid
175 <220> FEATURE:
176 <221> NAME/KEY: SITE
177 <222> LOCATION: (3)
178 <223> OTHER INFORMATION: may be any amino acid
180 <220> FEATURE:
181 <221> NAME/KEY: SITE
182 <222> LOCATION: (4)
183 <223> OTHER INFORMATION: may be any amino acid
185 <220> FEATURE:
186 <221> NAME/KEY: SITE
187 <222> LOCATION: (14)
188 <223> OTHER INFORMATION: may be any amino acid
190 <220> FEATURE:
191 <221> NAME/KEY: SITE
192 <222> LOCATION: (15)
193 <223> OTHER INFORMATION: may be any amino acid
195 <220> FEATURE:
196 <221> NAME/KEY: SITE
197 <222> LOCATION: (16)
198 <223> OTHER INFORMATION: may be any amino acid
200 <220> FEATURE:

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```

201 <221> NAME/KEY: SITE
202 <222> LOCATION: (17)
203 <223> OTHER INFORMATION: may be any amino acid and and may or may not be
204 present as defined in the specification
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
208 Synthesized
210 <400> SEQUENCE: 9
W--> 211 Xaa Xaa Xaa Xaa Arg Lys Lys Arg Arg Gln Arg Arg Arg Xaa Xaa Xaa
212 1 5 10 15
W--> 214 Xaa
218 <210> SEQ ID NO: 10
220 <400> SEQUENCE: 10
W--> 221 000
223 <210> SEQ ID NO: 11
224 <211> LENGTH: 35
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: chemically synthesized
231 <400> SEQUENCE: 11
232 Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Asp Thr Tyr Arg
233 1 5 10 15
235 Pro Lys Arg Pro Thr Thr Leu Asn Leu Phe Pro Gln Val Pro Arg Ser
236 20 25 30
238 Gln Asp Thr
239 35
242 <210> SEQ ID NO: 12
243 <211> LENGTH: 33
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: chemically synthesized
250 <400> SEQUENCE: 12
251 Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Glu Glu Pro His
252 1 5 10 15
254 Lys His Arg Pro Thr Thr Leu Arg Leu Thr Thr Leu Gly Ala Gln Asp
255 20 25 30
257 Ser
261 <210> SEQ ID NO: 13
262 <211> LENGTH: 42
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <221> NAME/KEY: SITE
268 <222> LOCATION: (1)
269 <223> OTHER INFORMATION: may be any amino acid
271 <220> FEATURE:
272 <221> NAME/KEY: SITE

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Input Set : A:\20359-501 DIV Seq List.txt

Output Set: N:\CRF3\10172001\I970515.raw

273 <222> LOCATION: (2)
274 <223> OTHER INFORMATION: may be any amino acid
276 <220> FEATURE:
277 <221> NAME/KEY: SITE
278 <222> LOCATION: (3)
279 <223> OTHER INFORMATION: may be any amino acid
281 <220> FEATURE:
282 <221> NAME/KEY: SITE
283 <222> LOCATION: (4)
284 <223> OTHER INFORMATION: may be any amino acid
286 <220> FEATURE:
287 <221> NAME/KEY: SITE
288 <222> LOCATION: (5)
289 <223> OTHER INFORMATION: may be any amino acid
291 <220> FEATURE:
292 <221> NAME/KEY: SITE
293 <222> LOCATION: (6)
294 <223> OTHER INFORMATION: may be any amino acid
296 <220> FEATURE:
297 <221> NAME/KEY: SITE
298 <222> LOCATION: (7)
299 <223> OTHER INFORMATION: may be any amino acid
301 <220> FEATURE:
302 <221> NAME/KEY: SITE
303 <222> LOCATION: (17)
304 <223> OTHER INFORMATION: may be any amino acid
306 <220> FEATURE:
307 <221> NAME/KEY: SITE
308 <222> LOCATION: (18)
309 <223> OTHER INFORMATION: may be any amino acid
311 <220> FEATURE:
312 <221> NAME/KEY: SITE
313 <222> LOCATION: (19)
314 <223> OTHER INFORMATION: may be any amino acid
316 <220> FEATURE:
317 <221> NAME/KEY: SITE
318 <222> LOCATION: (20)
319 <223> OTHER INFORMATION: may be any amino acid
321 <220> FEATURE:
322 <221> NAME/KEY: SITE
323 <222> LOCATION: (21)
324 <223> OTHER INFORMATION: may be any amino acid
326 <220> FEATURE:
327 <221> NAME/KEY: SITE
328 <222> LOCATION: (22)
329 <223> OTHER INFORMATION: may be any amino acid
331 <220> FEATURE:
332 <221> NAME/KEY: SITE
333 <222> LOCATION: (23)

→ Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 10/17/2001

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TIME: 10:42:44

Input Set : A:\20359-501 DIV Seq List.txt

Output Set: N:\CRF3\10172001\I970515.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:56 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (3) SEQUENCE:
L:61 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (4) SEQUENCE:
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:139 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (6) SEQUENCE:
L:157 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (8) SEQUENCE:
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:221 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:408 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14) SEQUENCE:
L:413 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (15) SEQUENCE:
L:418 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (16) SEQUENCE: